OOK

Depth 6	Contents 7	Reference to last Measurement 8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.02:- Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2mts and an average lift upto 1.5m, excavated surface levelled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods complete as per specifications complete as per specifications:						
	Qty vide page No: 2633/15-16/263216 →					32.40 cum:	
	At the rate of Rs: 83.16 →						2694.38
	Item No.01:- Scarifying kankar/gravel/metal crust upto 150mm thick with power roller and scarifies, disposal of stuff including						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	cost of labour ch
	Qty vide p
	At the rate
	Item No.0g:- Earthwork e
	supply, sanitary li
	1.5m in depth includ
	stacking the excava
	upto 50m. after b

	Contents 7	Reference to last Measurement 8
	...ns in ordinary soil ...ise and an average ...d sides neatly dressed ...er breaking of clods specifications: 32.40 cum. 2694.38	
	upto 150mm thick of stuff including	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263225

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	cost of labour charges HOM of machineries MORTH specification No. 305.43 ~~Qty~~ vide page No: 263/15-16 & 263/17 → 470.00 sq.m. 12182.40 At the rate of Rs: 25.92 →						
	Item No 19:- Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specification:						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide page No: 2633/15-16/263217 →				24.30 cum.		4671.40
	At the rate of Rs:		192.24 →				
	Item No.17:- lead for disposal of debris shall be payable at carage rates by mechanical means including loading and unloading.						
	Qty vide page No: 2633/15-16/263217 →				56.70 cum:		4122.65
	At the rate of Rs		72.71 →				
	Item No.04:- Providing and laying in position plain cement concrete of Mix M10 with opc cement @ 220kgs with 40mm and down size graded						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	granite metal coarse
	0.465 cum machine m
	thick well compacted,
	materials, labour, th
	Qty vide pa
	At the rate
	Item No.05:- Providing and

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
→	24.30 cum.		4671.40
hall be payable at earage			
ng loading and unloading.			
7 →	56.70 cum:		4122.65
ion plain cement concrete of			
40mm and down size graded			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263226

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	granite metal coarse aggregates @ 0.893 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in foundation and plinth, including cost of all materials, labour, hire of machinery, curing complete as per specifications						
	Qty vide page No: 263219 → 38.08 cum.						
	At the rate of Rs. 5070.6 →						193088.00
	Item No.05:-						
	Providing and constructing non load bearing with cement						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	concrete solid blocks with compressive strength not less than 3.5 newton per sqmm with cement mortar 1:4 with block of size 40x20x20cms (lxbxh) confirming to Is 2185/1965 in superstructure including the cost of materials labour charges, scaffolding curing complete as specification:						
	Qty vide page No: 2633/15-16/263219 →					120.00 sqm	
	At the rate of Rs: 1018.44 →						122212.80
	Item No.10:-						
	Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220kgs with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	fine aggregates @0. exceedings 15cms, th including cost of all complete as per sp
	Qty vide page
	At the rate o
	Item No 11:-
	Providing a masonry in founda

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
		ength not less than 3.5	
		4 with block of size	
		85/1965 in superstructure	
		charges, scaffolding	
		3219 → 120.00 sq.m	
			122212.80
		plain cement concrete	
		with 40mm and down size	
		gates @ 0.892 cum and	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

263227

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceedings 15cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, hire of machinery, curing complete as per specifications:						
	Qty vide page No. 2633/15-16/263220 → 4.05 cum.						
	At the rate of Rs: 5070.60 →						20535.90
	Item No 11:-						
	Providing and constructing granite/trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	dressed in courses not less than 20cms high, bond stones at 1.00 m, apart in each course including cost of materials, labour curing complete as per specifications:						
	Qty vide page No. 2633/15-16/263220 → 10.85cum.						
	At the rate of Rs: 4135.0 →						44658.00
	Item No. 13:-						
	Providing and removing centering, shuttering, strutting, propping etc, and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specification:						
	Qty vide page No: 2633/15-16/263221 → 16.78 cum						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ....

Date	Full description, etc, of w
1	2
	At the rate of
	Item. No. 14:-
	Providing straightening, and/or welding anchoring to the per design (lap paid) cost of mate specifications:

IT BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		20cms high, bond stones at	
ding		cost of materials, labour	
rs:			
3220		→ 10.8 cum.	
			44658.00
tering, shuttering, strutting,			
work for foundations,			
concrete including cost of			
per specification:			
-16/263221		→ 16.78 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 263228

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	At the rate of Rs:	244.08 →					4095.66
	Item No. 15:-						
	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery, complete as per specifications:						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide page No	2633	263222 → 1.25 Cmt.				
	At the rate of Rs:	69805.80 →					87257.25
	Item No.13:-						
	Providing and laying cement concrete using 20mm and down size granite jelly of ready mix concrete for ECC works laid in 15cm thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3, with all lead and lift etc, complete (exclusive of cost of steel, fabrication and plastering charges) Ready mixed cement concrete for beams, columns, staircase and roof with M-20 (1:1.5:3) (cement - 3320 kg/cum)						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty vide page
	At the rate o
	Item No.03:-
	compaction of
	8 to 10 tonne power
	during rolling incl
	as per specification
	Qty vide pa

OOK

Depth 6	Contents 7	Reference to last Measurement 8
.25 Qnty.		87257.25
ete using 20mm and down		
o RCC works laid in 150m		
g vibrating curing etc.,		
lead and lift etc,		
eation and plastering		
beams, columns, staircase		
20 Kg/cum)		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263229

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide page No 2633/15-16/263229 → At the rate of Rs: 6332.04 →					8.10 cum	51289.50
	Item No.03:- Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specification: Qty vide page No: 2633/15-16/263224 → 470.00 sq.m						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	At the rate of Rs: 4.86 →						2284.20
	Item No 06:-						
	Providing and laying cement concrete using 20mm and down size granite jelly of readymix concrete for RCC works laid in 15cms thick layers and well compacted including vibrating curing etc., including smooth finish in cm 1:3, with all lead and lift etc, complete (exclusive of cost of steel, fabrication and plastering charges) Ready mixed cement concrete for beams, columns, staircase and roof with M-20 (1:1.5:3).						
	Drain bottom:-	01	30.00	0.60	0.10	= 1.80	

29/7

S.D. (W.O.)

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	Covering slab:-
	Roads:-
	Checked.
	S.D. (W.O. 24

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
			2284.20
			concrete using 20mm and down
			le for RCC works laid in 15cms
			including vibrating curing
			M 1:3, with all lead and lift
			steel, fabrication and
			cement concrete for beams,
			M-20 (1:1.5:3).
0.60	0.10	= 1.80	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263230

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		01	10.00	0.60	0.10	= 0.60	
		01	15.00	0.60	0.10	= 0.90	
	Covering slab:-	01	30.00	0.60	0.10	= 1.80	
		01	15.00	1.20	0.10	= 1.80	
	Roads:-	01	30.00	3.20	0.10	= 9.60	
		01	16.00	2.00	0.10	= 3.20	
		01	30.00	3.00	0.10	= 9.00	
		01	26.00	3.00	0.10	= 7.80	
		01	21.00	2.00	0.10	= 4.20	

Checked.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Main road	~~30~~					
		01	30.00	4.00	0.10	= 12.00	
		01	16.00	4.00	0.10	= 6.40	
						59.10 cum.	
		Qty. Upto : 59.10 cum					
	At the rate of Rs: 6332.04 →						374096.90
	Item No. 07:-						
	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	diesel including cost power floater, b

T BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
+.00	0.10	= 12.00	
+.00	0.10	= 6.40	
		59.10 cum.	
59.08 cum			
			374096.90
acuum pump and suction			
ter clubbed with floating			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263231

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	dist including cost of generators, HOM of machinery, screed vibratory, power floater, blade and disc etc, with all lead and lift:						
		01	30.00	3.20	-	= 96.00	
		01	16.00	2.00	-	= 32.00	
		01	30.00	3.00	-	= 90.00	
		01	26.00	3.00	-	= 78.00	
		01	21.00	2.00	-	= 42.00	
		01	30.00	4.00	-	= 120.00	
						458.00 Sq.m	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	At the rate of Rs:	97.20 →					44518.00
	Item No 08:-						
	Providing groove cutting for width of 5mm to 10mm and depth 80mm - 100mm including cost of cutting machine, generator, and HOM of machinery, including cost of blade, coolant etc., including cleaning of groove and providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing:-						
	Roads:	03	3.20	-	-	= 9.60	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
			44518.00
dth of 5mm to 10mm. and			
cutting machine, generator,			
of blade, coolant etc.,			
oviding sand and hot			
including cost of conveyance			
lift charges and all other			
	-	= 9.60	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263232

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		02	2.00	-	-	= 4.00	
		03	3.00	-	-	= 9.00	
		03	3.00	-	-	= 9.00	
		.03	2.00	-	-	= 6.00	
		04	5.00	x	x	= 12.00	NDD AE(W-7)
						37.60 Rmtr	
	Qty ltd to 37.50 Rmtr →						
	At the rate of Rs: 124.20 →						4657.50
	GRAND TOTAL=						972364.50

NDD AE(W-7) 28/6/16

922364

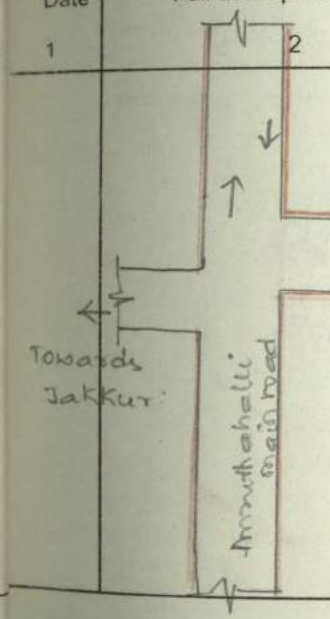
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Royalty charges:-	Jelly:		Sand		Cement:	
Sl No.	Details / Qty / Unit:	Co-eff	Qty	Co-eff	Qty	Co-eff	Qty.
01	40mm ↓ size - 42.13 cum.						
02	20 mm ↓ size - 67.18 cum.						
	Total:						
	ABSTRACT						
01	40mm ↓ =						
02	20mm ↓ =						
	M.N.D AE(W)						

Assistant Executive Engineer,
Kodigehalli Section,
Yelahanka Zone, B.B.M.P.,

Serial No. .....
Name of Work .....
Name of Contractor of nat
Date of commencement o

Date	Full description
1	2



OOK

Depth 6	Contents 7	Reference to last Measurement 8
	cement :	
Qty	Co-eff	Qty

Engineer,
sion,
B.B.M.P.,

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263233

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(56×3m) (16×4)m (16×2)m (30×4)m (30×3.20) SWD Towards Amruthahalli main road Towards Jakkur Towards Amruthanagara: INDEX ☒ Maramma temple Drain CC-Road						

PLAN

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CERTIFICATE:-						
	1) Certified that the work done by the contractor is satisfactory.						
	2) Certified that the debris have been removed from the worksport.						
	Assly. N.D AE(WT)						
						30/6/16 Assistant Executive Engineer. Kodigehalli Division, B.B.M.P. Yelahanka Bangalore.	

Serial No. .....
Name of Work ..
Name of Contractor of nat...
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	Audited and Re Acc Byatar

OK

Depth 6	Contents 7	Reference to last Measurement 8
		ntractor is satisfactory.
		oved from the workspot.
		30/6/16 Executive Engineer, Division, B.B.M.P.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work .. .. From..... To..... 263234

Name of Contractor of na... ...ency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Audited & Admitted for Rs 978920-00 908130- and Rs 70790 by ... Accts. Supdt. Byatarayanapura Dn. Byatarayanapura BBMP					IT- 9790-00 VAT- 39558-00 LWF- 9790-00 CBF- 980-00 LR 11072- Total Rs 70790-	